

Geometry: Sketchpad activity: Similar right triangles

Q1) What is your name?

In this short activity, you will discover the similar triangles formed by the altitude to the hypotenuse in a right triangle.

Go to unit 9 of the class wiki, <http://watertowngeometry.wikispaces.com/Unit+9>, and open the gsp file, similar right triangles.gsp.

Notice all the angles are measured for you.

Q2) Which triangles are similar?

Q3) How do you know the triangles are similar?

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